

SANDY SPRING VOLUNTEER FIRE DEPARTMENT, INC.

Boat Support Driver/ Operator Practical Evolutions

(Must pass all 9 Scenarios)

Trainee (Print): _____ Evaluator (Print): _____

Trainee (Sign): _____ Evaluator (Sign): _____

Date: _____ Testing Location: _____

Practical 1- Cab Control, Specifications, and Maintenance

You are to demonstrate proficiency in using the cab controls, explaining the specifications, and knowledge of maintenance on BS740.

Task:	Pass	Fail	Comments
Cab Controls			
Demonstrate how to use all vehicle controls			
Explain when to use high idle and how to activate it			
Demonstrate how to use vehicle emergency warning device controls			
Demonstrate how to use scene lights			
Demonstrate how to activate Emergency Lights			
Explain when headlights are used			
Explain what fuel the Boat Support uses			
Specifications			
Explain the height, length, width, and weight			
Explain the towing capacity			
Maintenance			
Explain how the Regeneration system works			
Explain what maintenance the regeneration system requires			
Explain who to contact for maintenance, problems, or questions			
Explain what to include in the report			

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Practical 2 – Off-Road and Winter Operations

You are to demonstrate proficiency in explaining and demonstrating off-road and winter operations for BS740.

Task:	Pass	Fail	Comments
Explain when 2 wheel drive, 4 wheel drive high range, and 4 wheel drive low range are used			
Explain the different handling characteristics between 2 wheel drive, 4 wheel drive high range, and 4 wheel drive low range			
Demonstrate how to place the vehicle into 4 wheel drive high range			
Demonstrate how to place the vehicle into 4 wheel drive low range			
Demonstrate how to place the vehicle into 2 wheel drive range from 4 wheel drive.			
Explain what the traction control switch does and when it should be active and deactivated			
Explain what gearing to use to ascend and descend steep grades			
Explain how to determine when grades are too steep to safely operate on			
Explain when tire chains are used			
Explain what components must be in the vehicle when using snow chains			
Demonstrate how to install tire chains			
Demonstrate how to fix a broken chain link in the field			

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Practical 3– Winch Operations

You are to demonstrate proficiency in explaining and demonstrating winch operations for BS740.

Task:	Pass	Fail	Comments
Explain where the winch controller is kept			
Explain onboard winch capacities			
Winch Rope Length			
Useable Length			
Winch Strength per winch drum layer			
Demonstrate how to “free spool” the winch line			
Demonstrate how to set up for a straight line pull			
Explain when a mechanical advantage system might be needed			
Explain which anchor points are safe for pulling on Boat Support 740			
Explain areas to avoid while operating winch			
Explain how to reduce the whip of a line breaking			
Demonstrate proper operation			
Demonstrate safety precautions while using winch			
Explain what can be done to assist the winch			

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Practical 4 –Boat 740 Bravo (BT740B)

You are to display proficiency in unloading and loading BT740B from BS740, and setting up the boat and motor for use. A silent partner can be used to assist.

Task:	Pass	Fail	Comments
Explain, then demonstrate how to release the straps holding BT740B.			
Demonstrate how to unload BT740B from BS740.			
Demonstrate how to inflate BT740B to the correct pressure			
Demonstrate how to properly attach the motor			
Demonstrate how to connect the fuel lines			
Explain the proper fuel for B740B			
Explain the largest motor that can be used with BT740B			
Explain the capacity of BT740B			
Explain who can use BT740B			
Explain, then demonstrate how to load BT740B on BS740.			
Explain, then demonstrate how to secure the straps holding BT740B.			
Explain how to check and make sure the proper tension is on the BT740B straps.			

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Practical Evolution 5– Pneumatic Devices

You are to demonstrate proficiency in utilizing pneumatic devices to fill Boat 740 Bravo.

Task:	Pass	Fail	Comments
Demonstrate compressed air source location on BS740			
Demonstrate how to properly use the high pressure regulator and tool block assembly (for 5500 PSI snap ring cylinders) for:			
Filling BT740B			
Filling a tire			
Demonstrate proper operation of the air tool in line oiler and which tools to utilize it with			
Demonstrate air tool hose size, location, and fitting size & type			
Explain what other units can be utilized to assist in filling Boat 740B or other boats?			

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Practical Evolution 6– Stokes Basket & Mono Wheel

You are to display proficiency in setting up the stokes basket and mono wheel to extricate a patient from an off road trail. A silent partner can be used to assist.

Task:	Pass	Fail	Comments
Demonstrate how to properly remove the stokes basket and mono wheel from BS740.			
Demonstrate how to properly assemble the two piece stokes basket.			
Demonstrate how to properly attach the mono wheel to the stokes basket.			
Make sure personnel are wearing appropriate PPE			
Demonstrate correct stokes lashing for the patient			
Explain the minimum crew needed to utilize the stokes basket and mono wheel			
Demonstrate how to properly detach the mono wheel, disassemble the stokes basket, and place them back on BS740 properly.			

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Practical Evolution 7– Gas Powered Portable Generator

You are to demonstrate proficiency in utilizing the gas powered portable generator on BS740.

Task:	Pass	Fail	Comments
Portable Gen Light			
Demonstrate how to inspect the generator and perform regular maintenance			
Demonstrate how to inspect and set up the light			
Demonstrate how to start and shut down the unit			
Explain the use of the Eco Throttle			
Explain the maximum load and what equipment can be run off the unit			
Explain proper fuel to use and why			
Explain proper oil to use and why			
Explain proper locations where the generator can be used and ran			
Explain safety procedures when putting away the generator after use			

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Practical Evolution 8– Gas Powered Portable Saw

You are to demonstrate proficiency in utilizing gas powered portable saws on BS740.

Task:	Pass	Fail	Comments
Chain Saw			
Demonstrate how to inspect the saw and perform regular maintenance			
Explain the type of blade carried (standard) and if it can be sharpened in house			
Demonstrate how to change the blade			
Explain proper fuel to use and why			
Explain what PPE must be work when using a chain saw			
Demonstrate how to properly start, run, and stop the saw			
Explain, then demonstrate, how to properly cut wood using the chain saw.			
Explain, then demonstrate how to properly use felling wedges in conjunction with a chain saw			
Explain what fuel ratio to use for the chain saw.			
Explain what oil to use for the chain saw bar			
Explain how often a chain saw gets cleaned			
Demonstrate how to clean a chain saw			

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Pass: _____ Fail: _____ Comments: _____

